



# National Weather Service

## Storm Data and Unusual Weather Phenomena



July 1999

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

### INDIANA, Southeast

**Wayne County**  
**Milton**      **06**      **1625EST**  
   **1630EST**      **0**      **0**      **5K**      **Thunderstorm Wind (G50)**  
Trees and power lines knocked down.

**Wayne County**  
**Centerville**      **09**      **1758EST**  
   **1800EST**      **0**      **0**      **Hail (1.00)**

**Franklin County**  
**Buena Vista**      **09**      **1920EST**  
   **1925EST**      **0**      **0**      **5K**      **Thunderstorm Wind (G50)**  
Trees and power lines down.

**Dearborn County**  
**Guilford**      **09**      **1955EST**  
   **2000EST**      **0**      **0**      **5K**      **Thunderstorm Wind (G50)**  
Trees and power lines knocked down.

**INZ050-058>059-066-073>075-080**      **Wayne - Fayette - Union - Franklin - Ripley - Dearborn - Ohio - Switzerland**

**20**      **0000EST**      **0**      **0**      **Excessive Heat**  
**31**      **2359EST**

The latter part of the month was extremely hot with highs above 90 nearly every day and a few days with readings above 100. Dewpoints and overnight low were in the 70s. No known heat related deaths occurred in southeastern Indiana.

**Wayne County**  
**Hagerstown**      **26**      **1535EST**  
   **1540EST**      **0**      **0**      **3K**      **Thunderstorm Wind (G50)**  
Trees downed.

**Fayette County**  
**Countywide**      **26**      **1610EST**  
   **1630EST**      **0**      **0**      **5K**      **Thunderstorm Wind (G50)**  
Trees downed across the county.

**Union County**  
**Kitchell**      **26**      **1630EST**  
   **1635EST**      **0**      **0**      **3K**      **Thunderstorm Wind (G50)**  
Trees knocked down.

**Franklin County**  
**3 W Brookville**      **26**      **1850EST**  
   **1855EST**      **0**      **0**      **3K**      **Thunderstorm Wind (G50)**  
Numerous trees down.

**Dearborn County**  
**Lawrenceburg**      **26**      **1915EST**  
   **1920EST**      **0**      **0**      **3K**      **Thunderstorm Wind (G50)**  
Trees downed.

**Ohio County**  
**Rising Sun**      **26**      **2000EST**  
   **2005EST**      **0**      **0**      **3K**      **Thunderstorm Wind (G50)**  
Numerous trees downed.

**Wayne County**  
**Hagerstown**      **31**      **1703EST**  
   **1705EST**      **0**      **0**      **5K**      **Thunderstorm Wind (G59)**  
Trees were knocked down by a 70 mph wind gust.



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### KENTUCKY, Northern

**KYZ089>100**      **Carroll - Gallatin - Boone - Kenton - Campbell - Owen - Grant - Pendleton - Bracken - Robertson - Mason - Lewis**  
**20**      **0000EST**      **1**      **0**      **Excessive Heat**  
**31**      **2359EST**

The latter part of July was excessively hot across northern Kentucky with nearly every day above 90 and a few days above 100. Dewpoints and overnight lows through the period were in the 70s. One heat related death occurred in northern Kentucky.

F71PH

#### **Campbell County**

**Bellevue to Cold Spg**      **26**      **1942EST**      **0**      **0**      **5K**      **Thunderstorm Wind (G50)**  
**1945EST**  
Trees knocked down.

#### **Boone County**

**Countywide**      **26**      **1945EST**      **0**      **0**      **10K**      **Thunderstorm Wind (G50)**  
**2010EST**  
Numerous trees and power lines downed.

#### **Kenton County**

**Piner**      **26**      **1955EST**      **0**      **0**      **3K**      **Thunderstorm Wind (G50)**  
**2000EST**  
Several trees knocked down.

#### **Grant County**

**Countywide**      **26**      **2000EST**      **0**      **0**      **5K**      **Thunderstorm Wind (G50)**  
**2020EST**  
Trees and power lines downed.

#### **Pendleton County**

**Falmouth**      **26**      **2010EST**      **0**      **0**      **3K**      **Thunderstorm Wind (G50)**  
**2015EST**  
Trees knocked down.

#### **Gallatin County**

**Ryle**      **26**      **2020EST**      **0**      **0**      **3K**      **Thunderstorm Wind (G50)**  
**2025EST**  
Trees downed.

### OHIO, Southwest

**OHZ026-034>035-042>046-051>056-060>065-070>074-077>082-088**      **Hardin - Mercer - Auglaize - Darke - Shelby - Logan - Union - Delaware - Miami - Champaign - Clark - Madison - Franklin - Licking - Preble - Montgomery - Greene - Fayette - Pickaway - Fairfield - Butler - Warren - Clinton - Ross - Hocking - Hamilton - Clermont - Brown - Highland - Adams - Pike - Scioto**

**01**      **0000EST**      **0**      **0**      **Drought**  
**31**      **2359EST**

Dry conditions that began in the spring and early summer continued into July. Excessive heat contributed to substantial crop loss across much of the Buckeye state. Rainfall was widely scattered and did little to help farmers. Crop damage amounts were not available at the time of this writing.

#### **Auglaize County**

**St Marys**      **01**      **1145EST**      **0.1**      **30**      **0**      **0**      **10K**      **5K**      **Tornado (F0)**  
**1150EST**

A brief tornado touched down overturning a semi truck on State Route 33. Trees were knocked down and a path of damage was noted in a corn field.

#### **Preble County**

**3 NW Sugar Vly**      **01**      **1655EST**      **0.1**      **100**      **0**      **0**      **20K**      **Tornado (F0)**  
**1700EST**



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July 1999									
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					Killed	Injured	Property	Crops	
<b><u>OHIO, Southwest</u></b>									
A tornado touched down briefly uprooting numerous trees, knocking down power lines, and tearing a few roofs from a few barns.									
<b>Union County</b> <b>Marysville</b>	<b>01</b>	<b>2130EST</b> <b>2230EST</b>			<b>0</b>	<b>0</b>			<b>Flood</b>
Heavy rain caused roads to be closed due to flood waters.									
<b>Champaign County</b> <b>Urbana</b>	<b>06</b>	<b>1615EST</b> <b>1620EST</b>			<b>0</b>	<b>0</b>	<b>5K</b>		<b>Thunderstorm Wind (G50)</b>
Trees and power lines.									
<b>Greene County</b> <b>3 E Yellow Spgs</b>	<b>06</b>	<b>1746EST</b> <b>1750EST</b>			<b>0</b>	<b>0</b>	<b>3K</b>		<b>Thunderstorm Wind (G50)</b>
Trees knocked down.									
<b>Hardin County</b> <b>Ada to</b> <b>1 E Ada</b>	<b>09</b>	<b>1620EST</b> <b>1625EST</b>			<b>0</b>	<b>0</b>	<b>50K</b>		<b>Thunderstorm Wind (G60)</b>
A television tower was blown over, a roof damaged, and trees and power poles were downed.									
<b>Auglaize County</b> <b>Cridersville</b>	<b>09</b>	<b>1643EST</b> <b>1645EST</b>			<b>0</b>	<b>0</b>	<b>3K</b>		<b>Thunderstorm Wind (G50)</b>
Numerous large limbs downed.									
<b>Auglaize County</b> <b>Wapakoneta</b>	<b>09</b>	<b>1710EST</b> <b>1715EST</b>			<b>0</b>	<b>0</b>	<b>5K</b>		<b>Thunderstorm Wind (G50)</b>
Trees downed.									
<b>Shelby County</b> <b>Jackson Center</b>	<b>09</b>	<b>1733EST</b> <b>1740EST</b>			<b>0</b>	<b>0</b>	<b>25K</b>		<b>Thunderstorm Wind (G60)</b>
Roofs were damaged on several buildings and trees were knocked down.									
<b>Preble County</b> <b>West Alexandria</b>	<b>09</b>	<b>1804EST</b> <b>1805EST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (G60)</b>
Winds gusted to 70 mph.									
<b>Miami County</b> <b>Potsdam</b>	<b>09</b>	<b>1805EST</b> <b>1810EST</b>	<b>0.3</b>	<b>50</b>	<b>0</b>	<b>0</b>	<b>10K</b>		<b>Tornado (F0)</b>
A weak tornado knocked down trees and power lines and made a path through a corn field.									
<b>Miami County</b> <b>West Milton</b>	<b>09</b>	<b>1815EST</b> <b>1820EST</b>			<b>0</b>	<b>0</b>	<b>5K</b>		<b>Thunderstorm Wind (G50)</b>
Trees and power lines downed.									
<b>Union County</b> <b>5 E Marysville</b>	<b>09</b>	<b>1816EST</b> <b>1817EST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (G60)</b>
Winds gusted to 70 mph.									
<b>Champaign County</b> <b>St Paris</b>	<b>09</b>	<b>1831EST</b> <b>1835EST</b>			<b>0</b>	<b>0</b>	<b>3K</b>		<b>Thunderstorm Wind (G50)</b>
Trees knocked down.									
<b>Montgomery County</b> <b>Englewood</b>	<b>09</b>	<b>1839EST</b> <b>1845EST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (G52)</b>
Winds gusted to 60 mph.									



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<b><u>OHIO, Southwest</u></b>									
<b>Clark County</b> Donnelsville	09	1900EST 1905EST			0	0	5K		Thunderstorm Wind (G50)
		Trees downed.							
<b>Franklin County</b> Gahanna	09	1915EST 1920EST			0	0	5K		Thunderstorm Wind (G50)
		Trees and power lines knocked down.							
<b>Licking County</b> Countywide	09	1925EST 1945EST			0	0	10K		Thunderstorm Wind (G50)
		Trees down in numerous locations.							
<b>Greene County</b> Xenia	09	1930EST 1935EST			0	0	5K		Thunderstorm Wind (G50)
		Trees and power lines downed.							
<b>Butler County</b> Hamilton Arpt	09	1934EST			0	0	5K		Thunderstorm Wind (G51)
		Winds gusted to 60 mph at the Hamilton airport. Also, trees and power lines were knocked down.							
<b>Madison County</b> Madison Lake	09	1950EST 1955EST			0	0	5K		Thunderstorm Wind (G50)
		Trees downed.							
<b>Hamilton County</b> Miami town	09	2008EST 2015EST			0	0	3K		Thunderstorm Wind (G50)
		Trees knocked down.							
<b>Warren County</b> Waynesville to Oregonia	09	2010EST 2015EST			0	0	5K		Thunderstorm Wind (G50)
		Trees and power lines downed.							
<b>Clinton County</b> Midland to Westboro	09	2015EST 2020EST			0	0	3K		Thunderstorm Wind (G50)
		Trees downed.							
<b>Clermont County</b> Goshen	09	2030EST 2035EST			0	0	3K		Thunderstorm Wind (G50)
		Trees knocked down.							
<b>Highland County</b> Hillsboro	09	2030EST 2035EST			0	0	5K		Thunderstorm Wind (G50)
		Numerous large tree limbs were knocked down, some of which fell across roads.							
<b>Fairfield County</b> Amanda	18	1745EST 1750EST			0	0	3K		Thunderstorm Wind (G50)
		Several trees knocked down.							
<b>Preble County</b> New Paris	19	1515EST 1520EST			0	0	3K		Thunderstorm Wind (G50)
		Trees knocked down.							



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### OHIO, Southwest

**OHZ026-034>035-042>046-051>056-060>065-070>074-077>082-088**

**Hardin - Mercer - Auglaize - Darke - Shelby - Logan - Union - Delaware - Miami - Champaign - Clark - Madison - Franklin - Licking - Preble - Montgomery - Greene - Fayette - Pickaway - Fairfield - Butler - Warren - Clinton - Ross - Hocking - Hamilton - Clermont - Brown - Highland - Adams - Pike - Scioto**

<b>20</b>	<b>0000EST</b>								
<b>31</b>	<b>2359EST</b>				<b>13</b>	<b>0</b>			<b>Excessive Heat</b>

The last part of July was very hot and humid across the state with temperatures reaching into the 90s most days and above 100 for a few days. The dewpoints and overnight lows were in the 70s through much of the period. The excessive heat contributed to 10 deaths in the Cincinnati metro area and 3 in the Dayton metro area. F34PH, M46PH, M47PH, M50PH, M64PH, M69PH, F70PH, F75PH, M83PH, M85PH, F88PH, F91PH, F98PH

#### **Hardin County**

<b>Ada</b>	<b>21</b>	<b>1440EST</b>							
		<b>1445EST</b>			<b>0</b>	<b>0</b>	<b>3K</b>		<b>Thunderstorm Wind (G50)</b>

Numerous large limbs down.

#### **Auglaize County**

<b>Cridersville</b>	<b>21</b>	<b>1445EST</b>							
		<b>1450EST</b>			<b>0</b>	<b>0</b>	<b>3K</b>		<b>Thunderstorm Wind (G50)</b>

Numerous large limbs down.

#### **Logan County**

<b>West Mansfield</b>	<b>21</b>	<b>1505EST</b>							
		<b>1510EST</b>			<b>0</b>	<b>0</b>	<b>5K</b>		<b>Thunderstorm Wind (G50)</b>

Trees knocked down.

#### **Union County**

<b>Byhalia</b>	<b>21</b>	<b>1510EST</b>							
		<b>1515EST</b>			<b>0</b>	<b>0</b>	<b>3K</b>		<b>Thunderstorm Wind (G50)</b>

Trees down.

#### **Logan County**

<b>Bellefontaine</b>	<b>21</b>	<b>1540EST</b>							
		<b>1545EST</b>			<b>0</b>	<b>0</b>	<b>3K</b>		<b>Thunderstorm Wind (G50)</b>

Trees knocked down.

#### **Champaign County**

<b>North Lewisburg</b>	<b>21</b>	<b>1600EST</b>							
		<b>1605EST</b>			<b>0</b>	<b>0</b>	<b>3K</b>		<b>Thunderstorm Wind (G50)</b>

Numerous trees downed.

#### **Ross County**

<b>Chillicothe</b>	<b>22</b>	<b>1930EST</b>							
		<b>1935EST</b>			<b>0</b>	<b>0</b>	<b>3K</b>		<b>Thunderstorm Wind (G50)</b>

Numerous trees knocked down.

#### **Madison County**

<b>Plain City</b>	<b>23</b>	<b>1545EST</b>							
		<b>1550EST</b>			<b>0</b>	<b>0</b>	<b>3K</b>		<b>Thunderstorm Wind (G50)</b>

Several large limbs down.

#### **Pike County**

<b>Latham</b>	<b>23</b>	<b>1700EST</b>							
		<b>1705EST</b>			<b>0</b>	<b>0</b>	<b>3K</b>		<b>Thunderstorm Wind (G50)</b>

Numerous large limbs down.

#### **Ross County**

<b>Summithill</b>	<b>23</b>	<b>1751EST</b>							
		<b>1755EST</b>			<b>0</b>	<b>0</b>			<b>Hail (1.00)</b>

#### **Highland County**

<b>Mowrystown</b>	<b>23</b>	<b>1840EST</b>							
		<b>1845EST</b>			<b>0</b>	<b>0</b>	<b>3K</b>		<b>Thunderstorm Wind (G50)</b>

Trees down.



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<b><u>OHIO, Southwest</u></b>									
<b>Brown County</b> <b>Sardinia</b>	23	1845EST 1850EST			0	0	3K		Thunderstorm Wind (G50)
		Trees knocked down.							
<b>Adams County</b> <b>Rome</b>	24	1150EST 1155EST			0	0	3K		Thunderstorm Wind (G50)
		Trees and power lines down.							
<b>Scioto County</b> <b>Minford</b>	24	1729EST 1735EST			0	0	3K		Thunderstorm Wind (G50)
		Trees knocked down.							
<b>Auglaize County</b> <b>Waynesfield</b>	25	0155EST 0200EST			0	0	5K		Thunderstorm Wind (G50)
		Numerous trees downed.							
<b>Shelby County</b> <b>Lockington</b>	26	1405EST 1410EST			0	0	3K		Thunderstorm Wind (G50)
		Several trees downed.							
<b>Miami County</b> <b>Piqua</b>	26	1415EST 1420EST			0	0	5K		Thunderstorm Wind (G50)
		Trees and power lines downed.							
<b>Greene County</b> <b>Xenia</b>	26	1500EST 1505EST			0	0	3K		Thunderstorm Wind (G50)
		Trees knocked down.							
<b>Clark County</b> <b>New Carlisle</b>	26	1515EST 1520EST			0	0	3K		Thunderstorm Wind (G50)
		Numerous trees downed.							
<b>Auglaize County</b> <b>New Bremen</b>	26	1605EST 1610EST			0	0	3K		Thunderstorm Wind (G50)
		Trees downed.							
<b>Preble County</b> <b>New Lexington</b>	26	1620EST 1625EST			0	0	3K		Thunderstorm Wind (G50)
		Trees downed.							
<b>Shelby County</b> <b>Sidney</b>	26	1640EST 1645EST			0	0	3K		Thunderstorm Wind (G50)
		Trees downed.							
<b>Butler County</b> <b>Trenton</b>	26	1645EST 1650EST			0	0	3K		Thunderstorm Wind (G50)
		Several trees downed.							
<b>Montgomery County</b> <b>Centerville</b>	26	1650EST 1655EST			0	0	5K		Thunderstorm Wind (G50)
		Numerous trees knocked down.							
<b>Greene County</b> <b>Countywide</b>	26	1710EST 1725EST			0	0	10K		Thunderstorm Wind (G50)



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<b><u>OHIO, Southwest</u></b>									
Numerous trees downed across the county.									
<b>Logan County</b> <b>Russells Pt to</b> <b>De Graff</b>	26	1710EST 1720EST			0	0	5K		Thunderstorm Wind (G50)
Trees downed.									
<b>Clinton County</b> <b>2 N Wilmington</b>	26	1717EST 1720EST			0	0	5K		Thunderstorm Wind (G50)
Trees were knocked down across Highway 68 north of Wilmington.									
<b>Warren County</b> <b>Franklin to</b> <b>Lebanon</b>	26	1720EST 1730EST			0	0	7K		Thunderstorm Wind (G50)
Trees down across the county.									
<b>Brown County</b> <b>Mt Orab</b>	26	1800EST 1805EST			0	0	15K		Thunderstorm Wind (G50)
Thunderstorm winds knocked down trees and power lines. A few of the trees fell on homes causing damage.									
<b>Highland County</b> <b>New Petersburg</b>	26	1810EST 1815EST			0	0	3K		Thunderstorm Wind (G50)
Trees knocked down.									
<b>Hamilton County</b> <b>Delhi</b>	26	1920EST 1925EST			0	0	5K		Thunderstorm Wind (G50)
Trees downed.									
<b>Fairfield County</b> <b>5 E Lancaster</b>	30	0054EST 0100EST			0	0	3K		Thunderstorm Wind (G50)
Trees knocked down.									
<b>Hocking County</b> <b>Murray City</b>	30	0130EST 0135EST			0	0	5K		Thunderstorm Wind (G50)
Trees and power lines knocked down.									
<b>Scioto County</b> <b>Portsmouth</b>	30	1804EST 1807EST			0	0			Hail (1.75)
<b>Adams County</b> <b>Blue Creek</b>	30	1940EST 1945EST			0	0	3K		Thunderstorm Wind (G50)
Trees downed.									
<b>Adams County</b> <b>Peebles</b>	30	2005EST 2010EST			0	0	3K		Thunderstorm Wind (G50)
Numerous large limbs knocked down.									
<b>Mercer County</b> <b>Rockford</b>	31	1610EST 1615EST			0	0	5K		Thunderstorm Wind (G50)
Trees and electrical poles downed.									
<b>Darke County</b> <b>Union City to</b> <b>Greenville</b>	31	1745EST 1800EST			0	0	10K		Thunderstorm Wind (G50)
Numerous trees and power lines downed.									
<b>Shelby County</b> <b>Anna</b>	31	1750EST			0	1	20K		Lightning



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### OHIO, Southwest

Lightning struck a barn causing a damaging fire. It also struck a man who received minor injuries.

#### **Shelby County**

##### **Countywide**

31	1800EST 1815EST				0	0	10K		Thunderstorm Wind (G50)
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Numerous trees knocked down.

#### **Logan County**

##### **Bellefontaine**

31	1815EST 1820EST				0	0	3K		Thunderstorm Wind (G50)
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Several trees knocked down.

#### **Hardin County**

##### **Countywide**

31	1850EST 1905EST				0	0	5K		Thunderstorm Wind (G50)
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Trees knocked down.

#### **Fairfield County**

##### **Baltimore**

31	2005EST 2010EST				0	0	3K		Thunderstorm Wind (G50)
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Trees downed.